SIEMENS

UROSKOP ACCESS

SP

Service Instructions SP009/02/I

Title: LUT Files

Reason for update:

	☐ Reliability	☒ Infrequent Service
Urgency:	☐ Immediate	☐ Within 6 months
Update materials required?	☒ Yes	☐ No
Materials free of charge?	☒ Yes	☐ No
Return of parts?	☐ Yes	☒ No
Estimated completion time:	1 h	Number of CSE's:1
Customer Information?	☐ Yes	☒ No

Systems/Products affected/System identifying IVK

Name	Material No.	Serial No.
Uroskop ACCESS	57 56 122	all
Uroskop ACCESS	57 56 130	all

Remark: n.a.

Components affected/to be modified

Name	Material No.	Serial No.	Component status Affected
ASPIA Imaging System	71 29 815	all	n.a.

Remark: n.a.

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Chapter	Page	Revision
all	all	01

Document Revision Level

This document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

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Systems/Products Affected

These LUT files are required for all UROSKOP Access systems with the Imaging System Software

VA12**B** material number 75 58 450 or

VA12**C** material number 75 58 534.

They must be loaded in the case of image quality problems for all UROSKOP Access systems with VA12**B** and VA12**C.**

UROSKOP Access systems delivered with the Imaging System Software VA12**D** already contain the LUT files.

Reason for the Update

Optimized LUT files are loaded into the UROSKOP Access Imaging System Software to improve the image quality.

Prerequisites

The Service Key for Syngo must be known.

The LUT files must be available.

The required files can be found in the Intranet under:

Product Information

SP Systems

Litho / Uro / P Therapy

Uroskop Access

Software

Save these LUT files onto floppy disk.

Special Tools / Documents

Software Description UROSKOP Imaging System SPL5-330.815.02.05.02

Ordering Information

n.a.

Contents of the Update Kit

Update kit **77 57 227** contains the following parts:

Item.	Quan.	Material No.	Name
1	1	75 58 567	LUT Files (floppy disk)
1	1	xx xx xxx	SPL5-330.989.01.01.02

Tab. 1

Based on the above description, the CSE should be able to check the update kit for completeness prior to beginning the update.

Return of Parts

n.a.

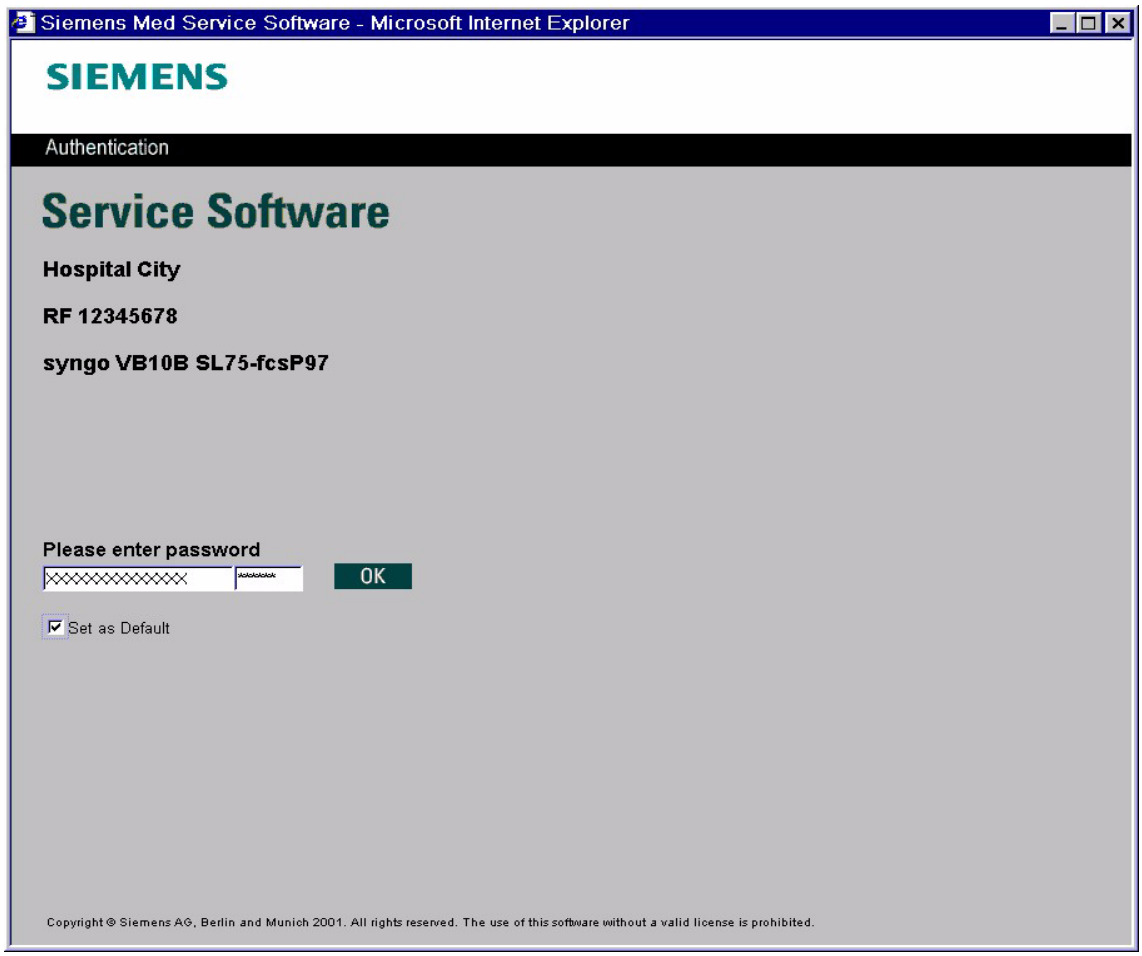
Work Steps

Checking the image quality before loading the new LUT

- Switch the UROSKOP Access on.
- Insert 2.1 mm CU in the collimator.
- Select organ program S2.
- Release exposure.
- Measure with mavo monitor in the middle of the live monitor.
- Note the measured value.
- Press the contrast key at the tableside control unit.
- Release exposure.
- Measure with mavo monitor in the middle of the live monitor.
- Note the measured value.

Configuration

- Select "**Options** in the window menu header.
- Select **Local Service**". .


Siemens Med Service Software - Microsoft Internet Explorer
SIEMENS
Authentication
Service Software
Hospital City
RF 12345678
syngo VB10B SL75-fcsP97
Please enter password
OK
Set as Default
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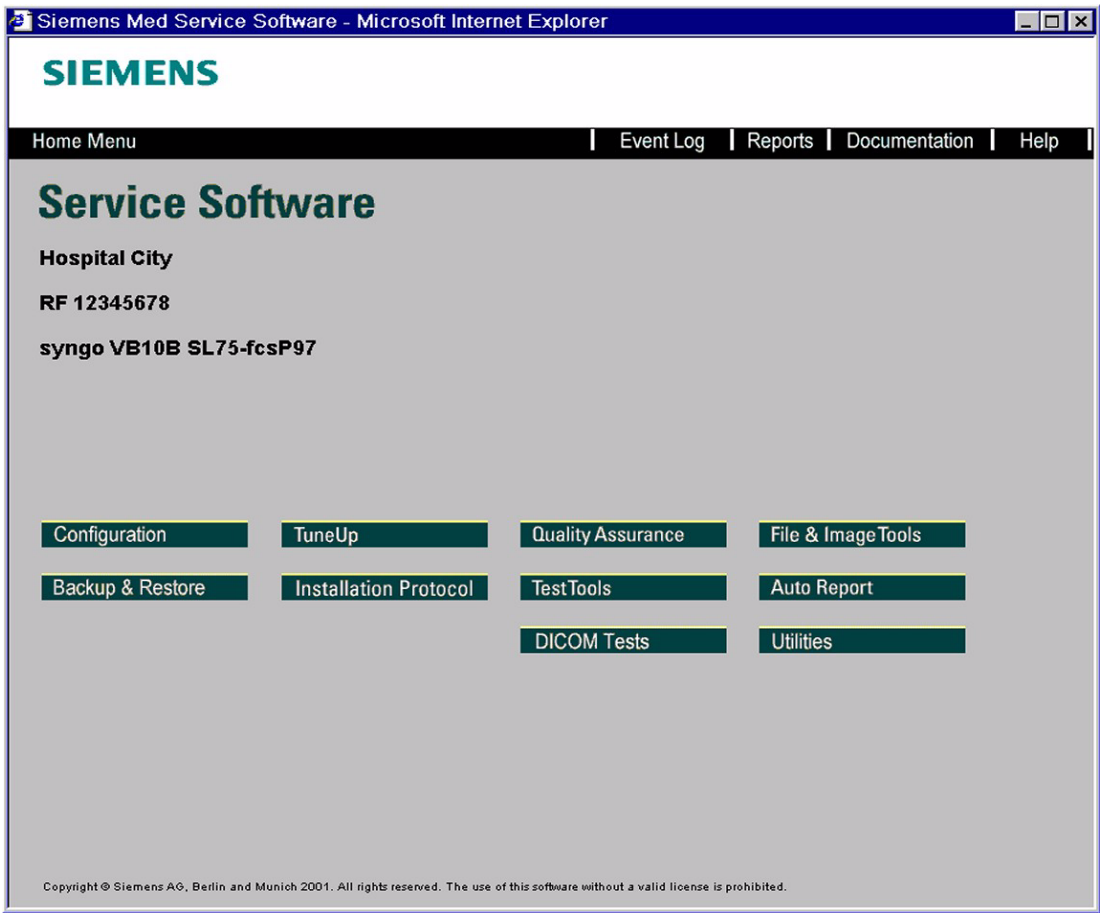
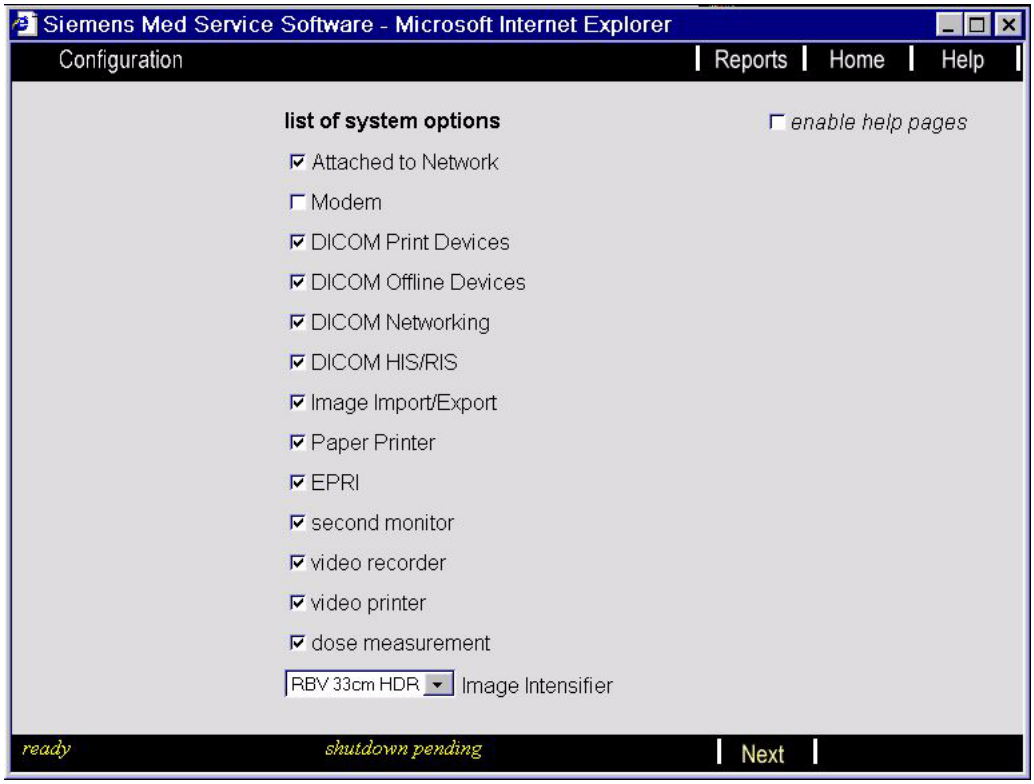
- Enter the service key (6 characters in 2nd screen) in the *syngo* SW screen that appears.
- Confirm the screen with **"ok"**.

➪ The Service Home menu appears..



- Select **"Configuration"**.

The Selection menu appears.



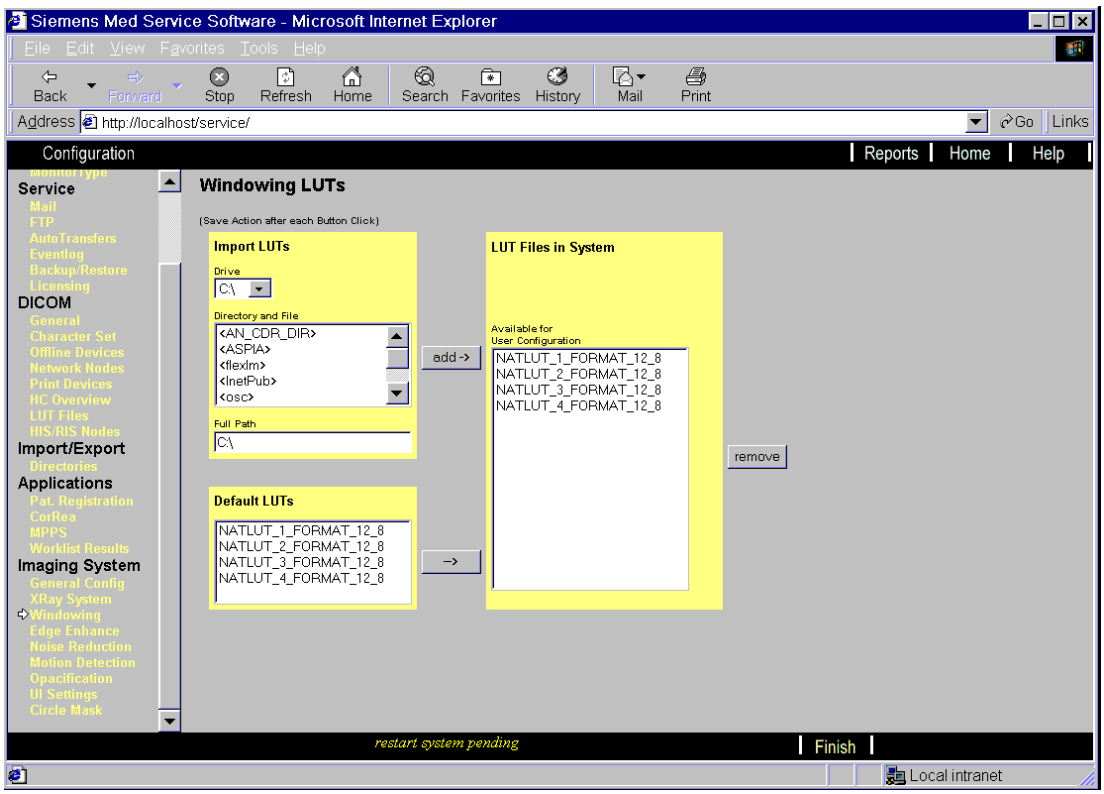
NOTE	**Make no configuration changes on this page**

- Select "Next".

The following window appears

- Select "Windowing" under Imaging System.

The following window appears.

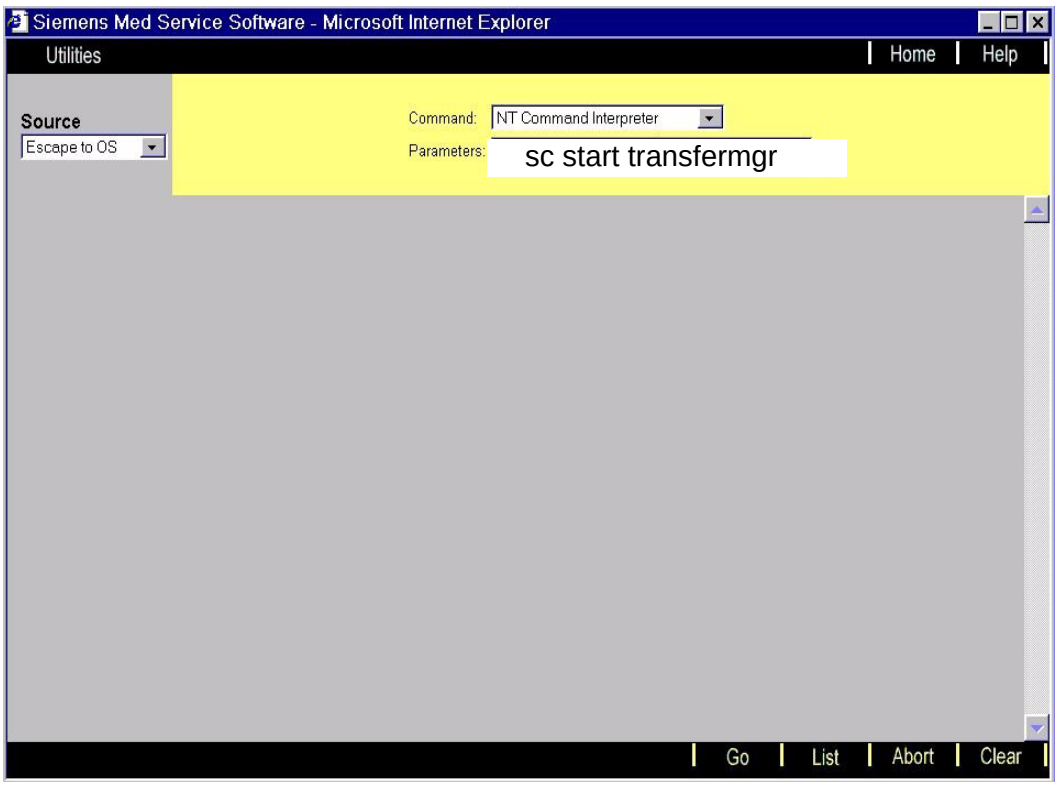


NOTICE

Only If no files are displayed under Windowing the "Transfer Manager" has to be activated.

If files are displayed continue with the section "Overwriting the old LUT files".

Activating the Transfer Manager



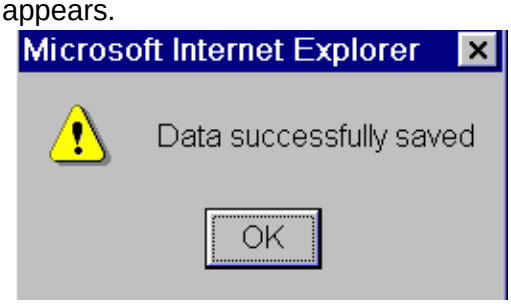
- Select "Utilities" from the Home Menu.
- Select "Escape to OS" under Source.
- Enter the command "sc start transfermgr" under Parameters.

Overwriting the old LUT files

- The old LUT files cannot be deleted but must be overwritten.
- Insert floppy disk in the drive.
- Select "drive A:"
- Load the LUT files one after the other.
- Select the first file "NATLUT_1_Format_12_8"

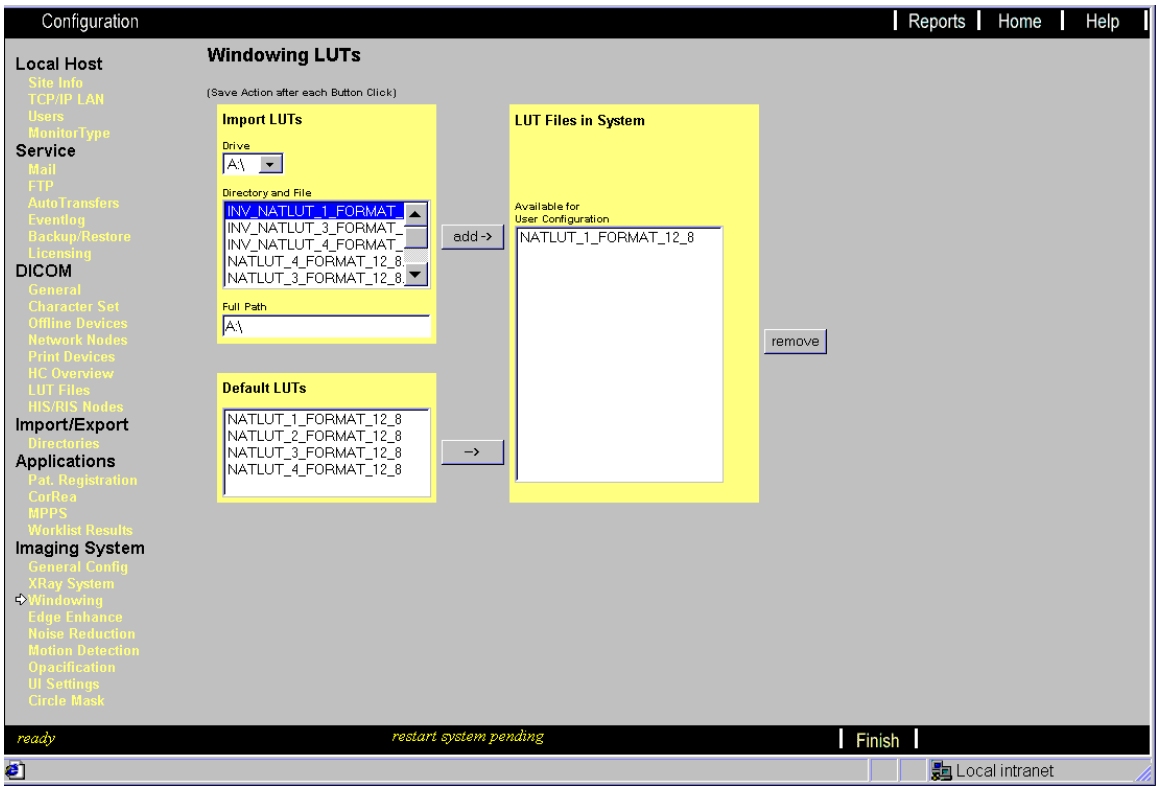
  ➪ The inverted LUT is also selected automatically. Only "NATLUT_1_Format_12_8" is displayed under "LUT Files in System".
- Select "add"

The following window appears.



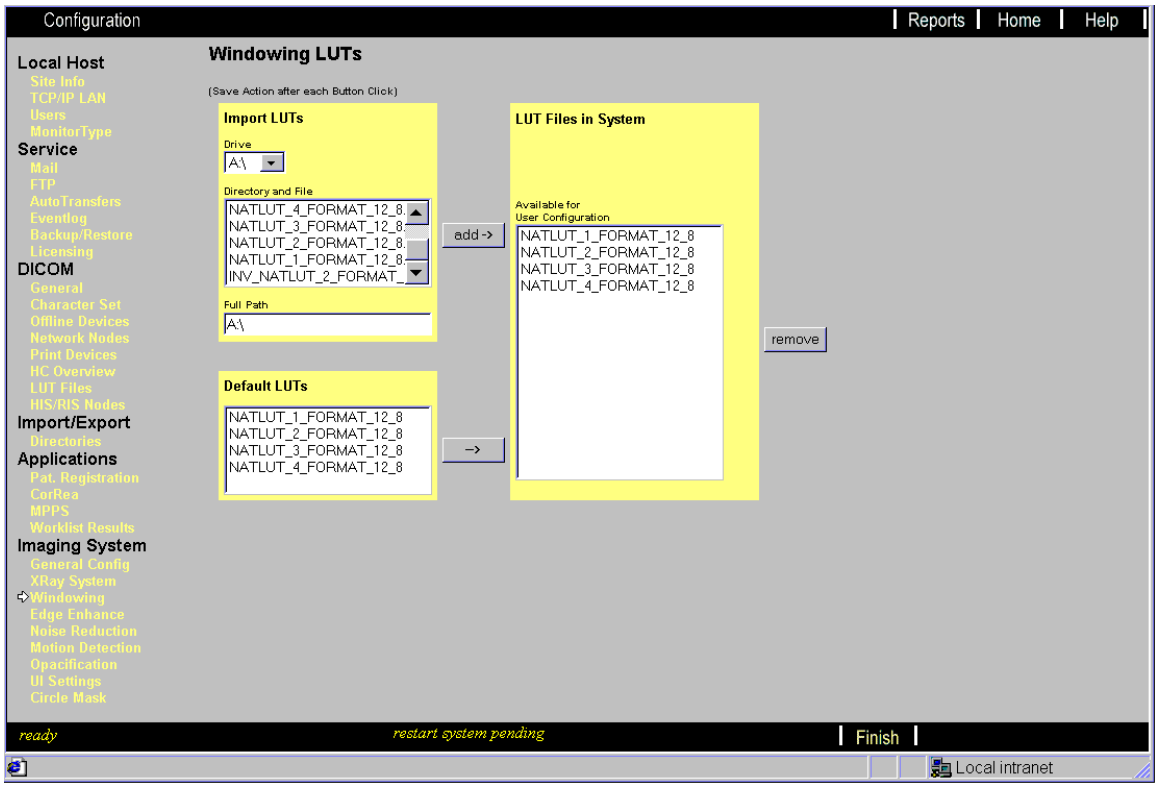
- Select "OK"

The following window appears.



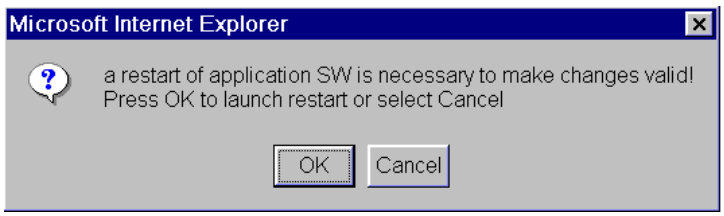
- Select "NATLUT_2_Format_12_8".
- Select "add".
- Select "OK".
- Select "NATLUT_3_Format_12_8".
- Select "add".
- Select "OK".
- Select "NATLUT_4_Format_12_8".
- Select "add".
- Select "OK".

The following window appears.



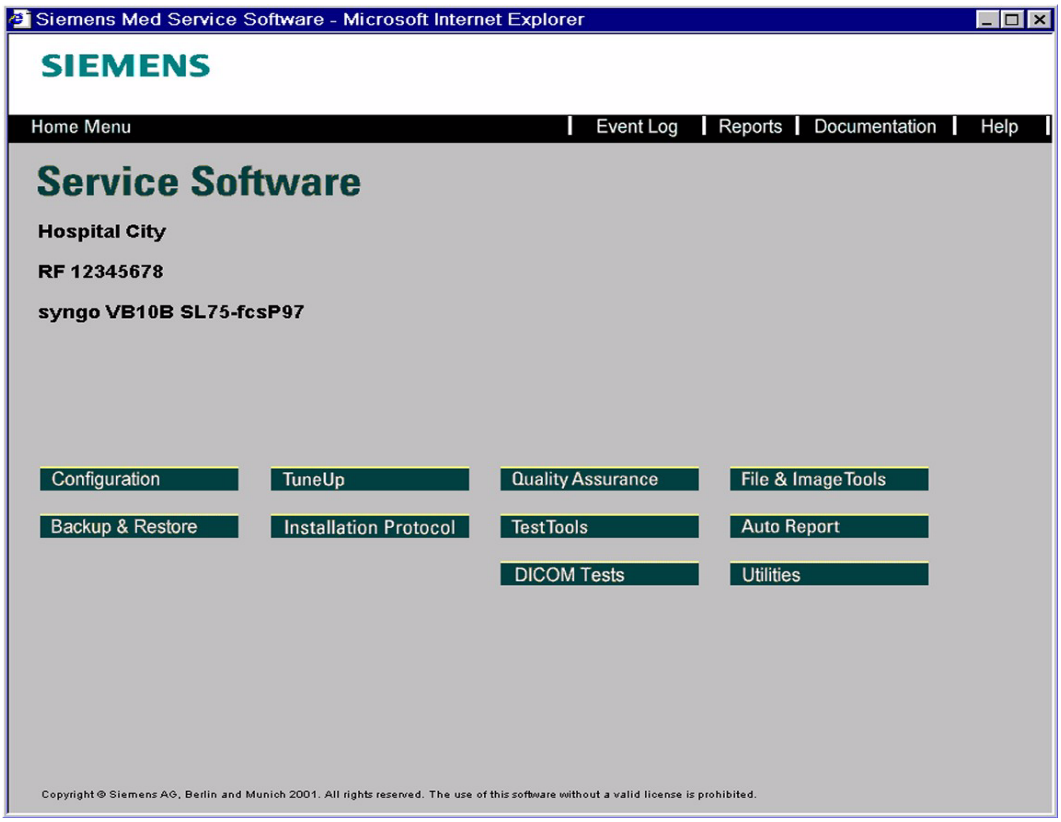
- Select "Finish".
- Remove floppy disk from the drive.
- Select "Home".

The following window appears.


Microsoft Internet Explorer
a restart of application SW is necessary to make changes valid!
Press OK to launch restart or select Cancel
OK
Cancel

- Select "Cancel".

The following window appears.



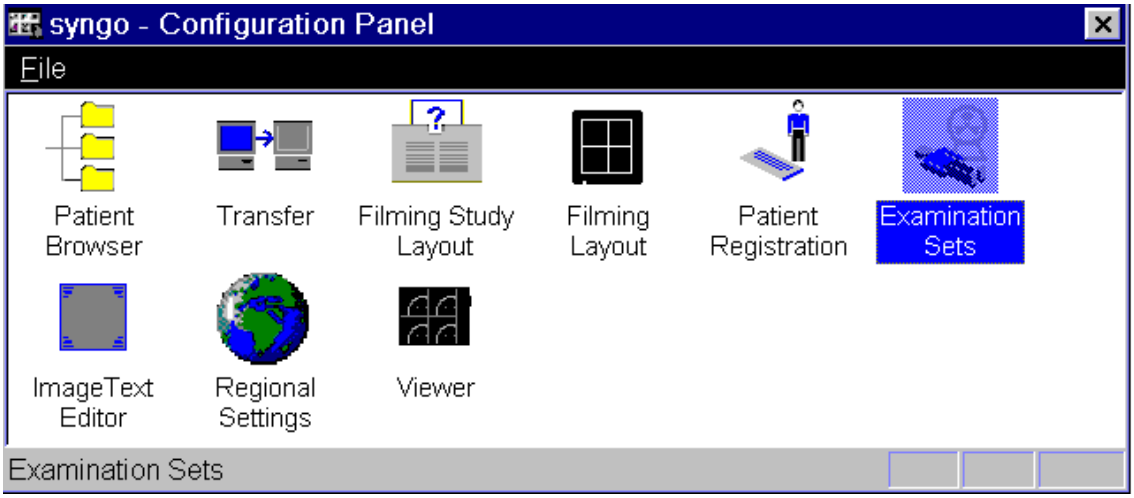
- End the service software.
- Switch the UROSKOP Access off, wait until the system has shut down completely.
- Switch the UROSKOP Access on.

Final Check

Checking the LUT values

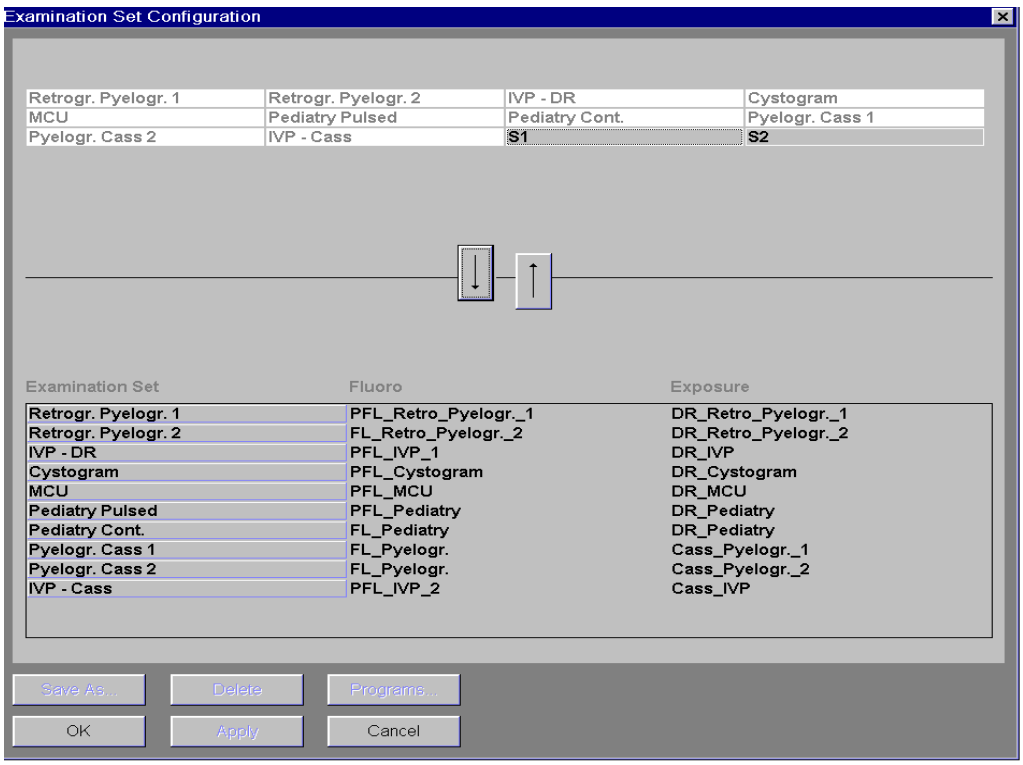
- Select "Option".
- Select "Configuration".

The following window appears.

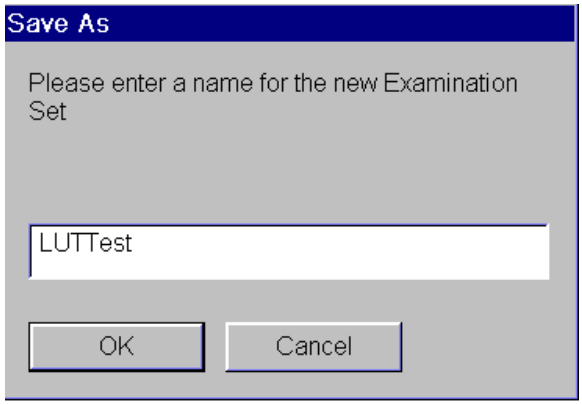


- Select "Examination Sets".

The following window appears.

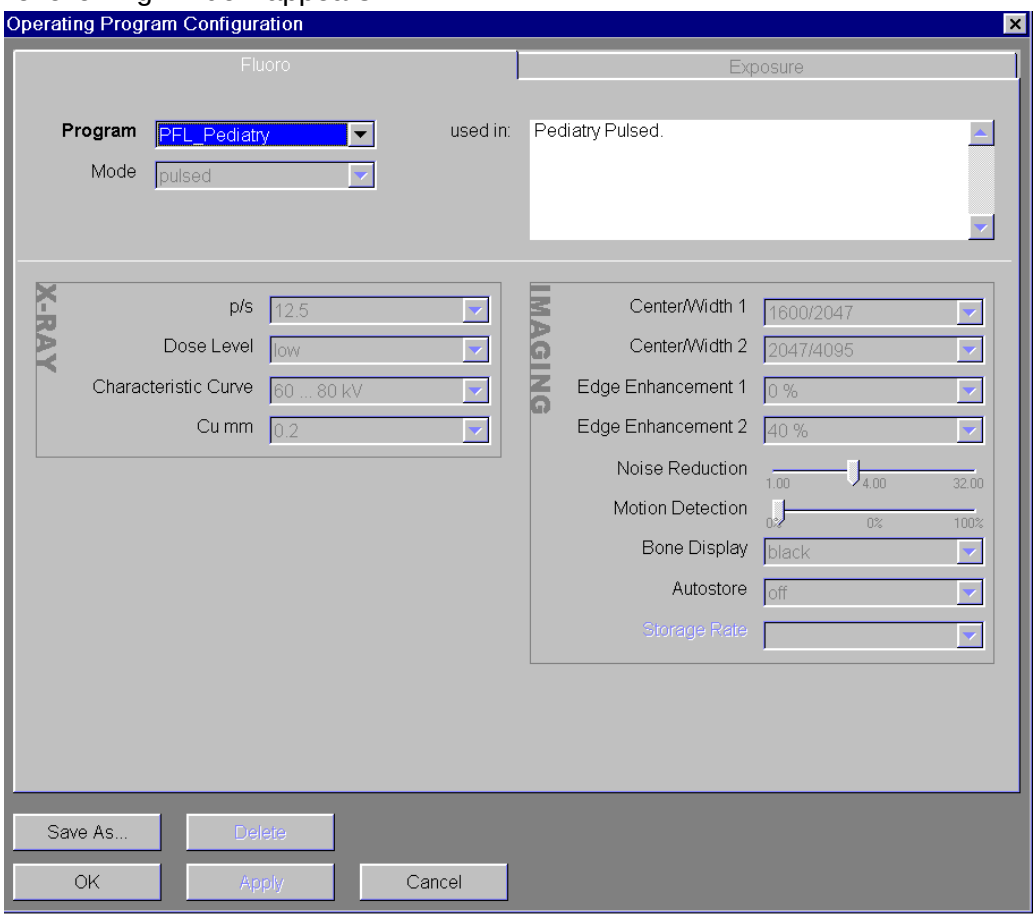


- select "Pediarey Pulsed".
- select "save as".

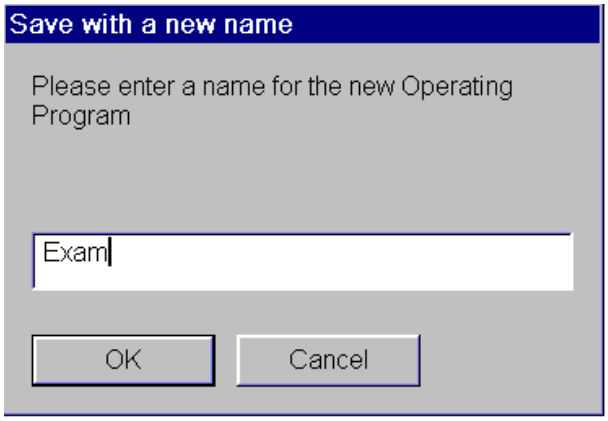


- Enter "LUTTest".
- select "ok".
-
- select "Programs.....".

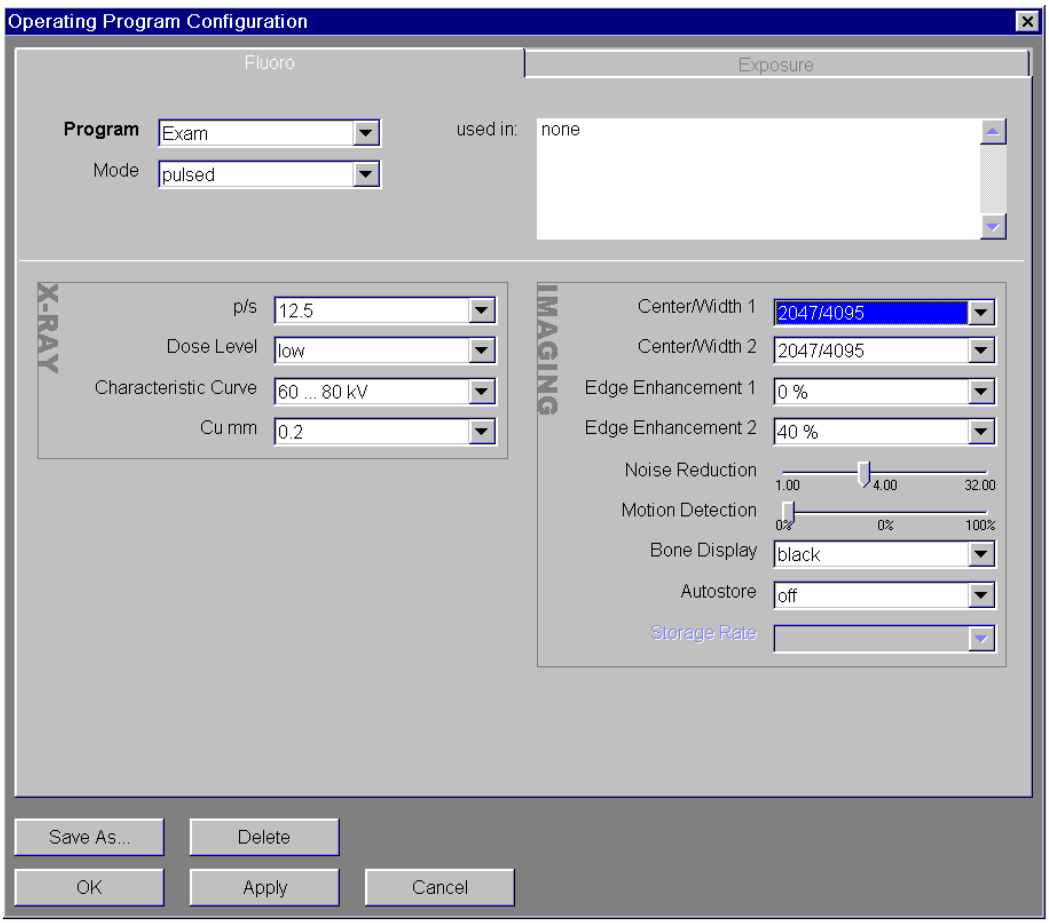
The following window appears.



- select "save as".



- Enter "Exam".
- select "ok".



- select "Exam" under Program.
- select "Center/Width 1" button.

➪ Under Center/Width1 it must be possible to select the following values:
2047/4095
1750/2700
1600/2047
1500/1650

- 2047/4095 remains selected.
- Select "Cancel" until the syngo configuration panel is displayed.
- Close the syngo configuration panel.
- Close "Service Home".

Checking the image quality after loading the new LUT

- UROSKOP Access must be switched on.
- Insert 2.1 mm CU in the collimator.
- Select organ program S2.
- Release exposure.
- Measure with mavo monitor in the middle of the live monitor.
- Note the measured value.
- Press the contrast key at the tableside control unit.
- Release exposure.
- Measure with mavo monitor in the middle of the live monitor.
- Note the measured value.

The two measured values **without** contrast key pressed may not differ from one another.

The two measured values **with** contrast key pressed must differ in such a way that the new value is greater by 40% to 60%.

Image System Backup

- Back up the Imaging System Software under Syngo,
  a description for performing the back-up is described in the document
  "Software Description UROSKOP Imaging System".
- Performance of a final check. Check of the overall function of the system.

Customer Information

n.a.

Final Work Steps

- Update the system documentation.
  Update the technical documentation.
  Fill out, and if needed, make a copy of the attached "Completion Protocol/ Update Completion Form" and insert it into Register 10 of the System Binder or System Logbook.
- Updates that have already been completed prior to publication of this SI must also be reported.
- The update is reported as follows:
  - Completed update completion form.

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Changes to previous Version 3 - 1

No changes; initial publication.

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Completion Protocol / Update Completion Form

The update with the number **SP009/02/I** has been completed.

Material number: .....

Serial number: .....

Customer: ..... Site: .....

Customer No.: .....

Name (CSE): ..... Telephone: .....

Country: ..... Location: .....

Date: ..... Signature: .....

Remark: .....

.....

NOTE	**After completing the update, make a copy of this page, fill it out and insert it into Register 10 of the System Binder or System Log-book.**

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